

Table 2 - Release B DSS L4 B0/B1/B Allocations Table and DSS L4 Change Table

L4 id	req_key	rel	req_type	req_status	ver_metho	ver_s	CCR	clarification	text
S-DSS-00230	8717	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide users the capability to cancel their own Service Requests.
S-DSS-00250	8719	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide an application program interface for the submission of Service Requests.
S-DSS-00264	8721	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide <u>the capability</u> an application program interface which permits DAAC operations staff to link special subsetting capabilities into a Science Data Server.
S-DSS-00320	8727	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall notify clients that issue Cancellation Requests that the associated Service Request has been canceled or the associated Service Request was completed.
S-DSS-00330	8728	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record Request Identifiers to be used for accounting purposes.
S-DSS-00331	8729	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the User Identifier of the science investigator associated with a Service Request, to be used for accounting purposes.
S-DSS-00332	8730	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the amount of user storage associated with a science user, to be used for accounting purposes.
S-DSS-00333	8731	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the amount of connect time associated with a science user, to be used for accounting purposes.
S-DSS-00340	8732	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the level of CPU utilization for each Service Request to be used for accounting.
S-DSS-00350	8733	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the level of I/O utilization for each Service Request to be used for accounting.
S-DSS-00360	8734	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record, for accounting purposes, a fixed personnel cost for Service Requests requiring interaction with operations staff.
S-DSS-	8735	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record a archival storage cost based on the number of bytes stored, to be used for accounting.

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S-DSS-00375	8736	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall associate User Accounting Information with client sessions.
S-DSS-00420	8742	<u>B0</u> <u>B</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall record the amount of media utilized for a Distribution Request.
S-DSS-00430	8743	<u>B0</u> <u>B</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall accept the amount of media utilized from the distribution services.
S-DSS-00720	10871	<u>B1</u> <u>B</u>	functional	approved	demo	unverified	96-1353A		The SDSRV CI shall accept Metadata Problem Reports.
S-DSS-00730	8745	<u>B1</u> <u>B</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide the capability to store Metadata problem reports.
S-DSS-00790	10197	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide tools to analyze the performance of the storage system when such tools are supplied by the FSMS vendor.
S-DSS-00822	9792	<u>B1</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.
S-DSS-00823	9793	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00824	9794	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00825	9795	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00826	9796	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00827	9797	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00829	9806	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.

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S-DSS-00830	8755	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall collect <u>the following</u> Fault Management Data; such as, device failures, Service Request failures, transmission failures and general failures. This information <u>is to be provided to MSS</u> , <u>shall be sent to the SMC for fault isolation</u> .
S-DSS-00835	9807	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00836	9808	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00837	9809	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00838	9810	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00839	9811	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The STMGT CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00842	9813	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.
S-DSS-00843	9812	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00844	9814	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00845	9815	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00846	9816	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00847	9817	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The DDIST CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-	9819	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The DDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided

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00851								Configuration Management API.
S-DSS-00852	9820	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The DDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00853	9821	<u>B0</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The DDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00854	9822	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The DDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00855	9823	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The DDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00856	9824	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The DDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00920	8757	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A	The SDSRV CI shall provide Logistics Status to the SMC.
S-DSS-00930	8758	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI shall provide training information to the SMC.
S-DSS-00990	8760	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC, directives for integration, testing, and simulation.
S-DSS-01000	8761	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC, configuration management directives.
S-DSS-01010	8762	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC, logistics management directives.
S-DSS-01020	8763	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC fault management directives.
S-DSS-01030	8764	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC security directives.
S-DSS-01035	8765	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A	The SDSRV CI operations staff shall have the capability to receive from the SMC scheduling directives, and scheduling adjudication directives.

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S-DSS-01040	8766	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI operations staff shall provide integration, testing, and simulation status to the SMC.
S-DSS-01050	8767	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI operations staff shall have the capability to receive training management directives from the SMC.
S-DSS-02905	11851	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1126A		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the SDSRV CI shall provide the capability to subset data within a granule through the use of geographical masking for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-02906	11852	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1126A		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the SDSRV CI shall provide the capability to compress data set files losslessly by eliminating repeated fill pixel values.
S-DSS-02907	11853	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1126A		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the SDSRV CI shall provide the capability to decompress losslessly on data set files.
S-DSS-02908	11854	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1126A		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the SDSRV CI shall provide the capability to subset data within a granule by selecting data values for a specified range of contiguous pixels in each swath scan line for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-03050	8798	B0	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving FDF Orbit Data for <u>the AM-1 spacecraft instruments</u> .
S-DSS-03100	8800	B0	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving FDF Metadata for Orbit and Attitude data for <u>the AM-1 spacecraft instruments</u> .
S-DSS-03330	9731	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving Special Data Products.
S-DSS-03340	9732	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving Metadata associated with Special Data Products.

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S-DSS-03361	8808	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving NMC data.
S-DSS-03362	8809	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving First Look Products from the DAO.
S-DSS-03363	8810	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving Reanalysis Products from the DAO.
S-DSS-03364	8811	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving Final Analysis Products from the DAO.
S-DSS-03369	10861	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-0990A		The SDSRV CI shall be capable of receiving expedited data from instruments.
S-DSS-03460	8814	B0	interface	approved	test	unverified	96-1353A		The SDSRV CI shall interface with the STMGT CI to provide storage for <u>the AM-1 spacecraft's</u> FDF Orbit Data for <u>AM-1 instruments</u> .
S-DSS-03470	8815	<u>B</u> <u>B0</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI's MD Component shall provide storage for Metadata associated with FDF Orbit and Attitude Data for <u>the AM-1 spacecraft instruments</u> .
S-DSS-03700	9747	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall interface with the STMGT CI to provide storage for special Data Products.
S-DSS-03710	9748	<u>B</u> <u>B1</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide storage for Metadata associated with special Data Products.
S-DSS-03874	11222	<u>B0</u> <u>B1</u>	interface	approved	demo	unverified	96-1353A		The SDSRV CI shall be capable of receiving status from the LIMGR CI.
S-DSS-03876	11223	<u>B0</u> <u>B1</u>	interface	approved	demo	unverified	96-1353A		The SDSRV CI shall be capable of sending status to the LIMGR CI.
S-DSS-03990	8829	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving actual disk utilization from the PLANG CI.
S-DSS-04000	8832	<u>B</u> <u>B1</u>	interface	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving actual CPU utilization from the PLANG CI.
S-	8833	<u>B</u>	interface	approved	test	unver	96-1353A		The SDSRV CI shall be capable of receiving actual disk

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DSS-04010		<u>B1</u>	ce	ved		ified			utilization from the STMGT CI.
S-DSS-04080	8835	B0	interface	approved	test	unverified	96-1353A		The SDSRV CI shall supply <u>the AM-1 spacecraft's FDF orbit data for AM-1 instruments packages</u> to the DDIST CI.
S-DSS-04090	10862	B0	interface	approved	demo	unverified	96-1353A		The SDSRV CI shall supply Metadata associated with FDF orbit data for <u>the AM-1 spacecraft instruments</u> to the DDIST CI.
S-DSS-04620	8852	<u>B B0</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall <u>update delete</u> the Metadata for a data item that has been purged from the system.
S-DSS-04745	8857	<u>B B0</u>	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide operations staff with the ability to display and list outstanding DARs that are accessible by the Data Server.
S-DSS-10055	8863	<u>B B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide, to qualified users, access to all documents and data types held in the server's collection.
S-DSS-10202	8864	<u>B B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide the capability to ingest documentation in Microsoft WORD format.
S-DSS-10206	8865	<u>B B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide the capability to ingest documentation in Interleaf format.
S-DSS-10208	8866	<u>B B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide the capability to ingest documentation in WordPerfect format.
S-DSS-10230	8867	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide application programming interfaces that support addition of documents for use as Guide data for DAAC-specific Data Products.
S-DSS-10292	10869	<u>B1 B</u>	interface	approved	demo	unverified	96-1353A		The DDSRV CI shall receive management directives from the SDSRV CI.
S-DSS-10300	8872	<u>B0 B1</u>	performance	approved	test	unverified	96-1353A		The Document Data Server shall complete a search for a guide document by a single keyword in not exceeding 8 seconds.
S-DSS-10305	8873	<u>B0 B1</u>	performance	approved	test	unverified	96-1353A		The Document Data Server shall complete a directory search using a single keyword in a period not to exceed 8 seconds.
S-DSS-	8874	<u>B0 B1</u>	performance	approved	test	unverified	96-1353A		The Document Data Server shall complete a directory search using multiple keywords in a period not to exceed 13 seconds.

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S-DSS-10310	8875	<u>B0 B1</u>	performance	approved	test	unverified	96-1353A		The Document Data Server shall complete a keyword search on a 1000 page document of not exceeding 3 seconds.
S-DSS-10400	9923	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		DDSRV CI mode-specific applications shall access data only for the mode in which the application is configured.
S-DSS-10410	9924	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
S-DSS-10420	9925	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		DDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
S-DSS-10430	9926	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall be capable of using simulated time values, supplied by CSS, when executing in a non-production mode.
S-DSS-10440	9927	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		DDSRV CI server applications shall register within their mode-associated namespace in the CSS name service.
S-DSS-10450	9928	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		DDSRV CI client applications shall incorporate a mode identifier for CSS name service lookups.
S-DSS-10460	9929	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		DDSRV CI mode-specific executables and scripts shall accept a specific mode only at startup.
S-DSS-10465	9930	<u>B0 B1</u>	functional	approved	test	unverified	96-1353A		The DDSRV CI shall provide the capability to store and retrieve test plans and test procedures.
S-DSS-20370	10864	<u>B B1</u>	functional	approved	demo	unverified	96-0990A		The STMGT CI shall use openly published and non-proprietary data formats to store data.
S-DSS-20610	8890	<u>B B0</u>	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide the capability to archive multiple versions of Data Granules.
S-DSS-20650	10209	B0	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide operations staff the capability to generate a backup of <u>all data holdings products as specified by operations staff</u> .
S-DSS-20820	8898	<u>B B0</u>	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide operations staff the capability to alter the criteria that determines removal of archive media from storage devices to allow insertion of new or different archive

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								media in the storage device.
S-DSS-20830	8899	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A	In determining the archive media to be removed, the STMGT CI shall ensure that the criteria consider the media's capacity for storing additional data, the last time data was accessed on the media and whether the media is currently in use to store or retrieve data.
S-DSS-30500	8930	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A	If the number of correctable errors exceed a system threshold for a piece of media, the DDIST CI shall abort the operation and automatically request a new piece of media from operations staff.
S-DSS-30510	8931	<u>B</u> <u>B0</u>	functional	approved	test	unverified	96-1353A	Operations staff shall have the capability to specify a threshold of correctable errors for each type of distribution media.
S-DSS-30797	10870	<u>B0</u> <u>B</u>	interface	approved	demo	unverified	96-1353A	The DDIST CI shall receive management directives from the SDSRV CI.

Table 3 - Release B DSS L4 Deletion Table

L4 id	req_ke y	rel	req_ty pe	req_s tatus	ver_m ethod	ver_s tatus	CCR	clarification	text
S-DSS-00280	-8723	B	functi onal	appro ved	test	unver ified	96-1353A		The SDSRV CI shall accept and process Data Requests for Attitude Data.
S-DSS-00440	-8744	B1	functi onal	appro ved	test	unver ified	96-1353A		The SDSRV CI shall be capable of providing estimated Service Request Cost.
S-DSS-03060	-8799	B	functi onal	appro ved	test	unver ified	96-1353A		The SDSRV CI shall be capable of receiving FDF Attitude Data for AM-1 instruments.
S-DSS-03940	-8826	B	interfa ce	appro ved	test	unver ified	96-1353A		The SDSRV CI shall be capable of receiving estimated disk utilization from the PLANG CI.
S-DSS-03950	-8827	B	interfa ce	appro ved	test	unver ified	96-1353A		The SDSRV CI shall be capable of receiving estimated CPU utilization from the PLANG CI.
S-DSS-03960	-8828	B	interfa ce	appro ved	test	unver ified	96-1353A		The SDSRV CI shall be capable of receiving estimated disk utilization from the STMGT CI.
S-DSS-04082	-8836	B	interfa ce	appro ved	test	unver ified	96-1353A		The SDSRV CI shall supply FDF attitude data for AM-1 instruments packages to the DDIST CI.
S-DSS-04630	-8853	B	functi onal	appro ved	test	unver ified	96-1353A		The SDSRV CI shall update the Metadata whenever a data item is relocated to another site.
S-DSS-21610	-8918	B	perfor mance	appro ved	test	unver ified	96-1353A		The MSFC DAAC Science Management within the Data Server shall make TSDIS original standard products (Level 1B-3) eligible for deletion after 6 months

Table 4 - RbR to DSS L4 Link Addition Table

<u>DADS0190#B</u>	<u>S-DSS-03340</u>
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